

1919

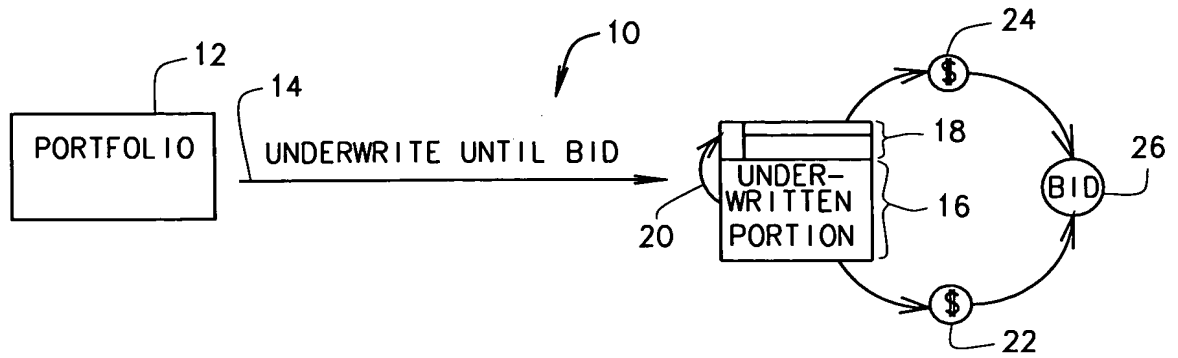


FIG. 1  
PRIOR ART

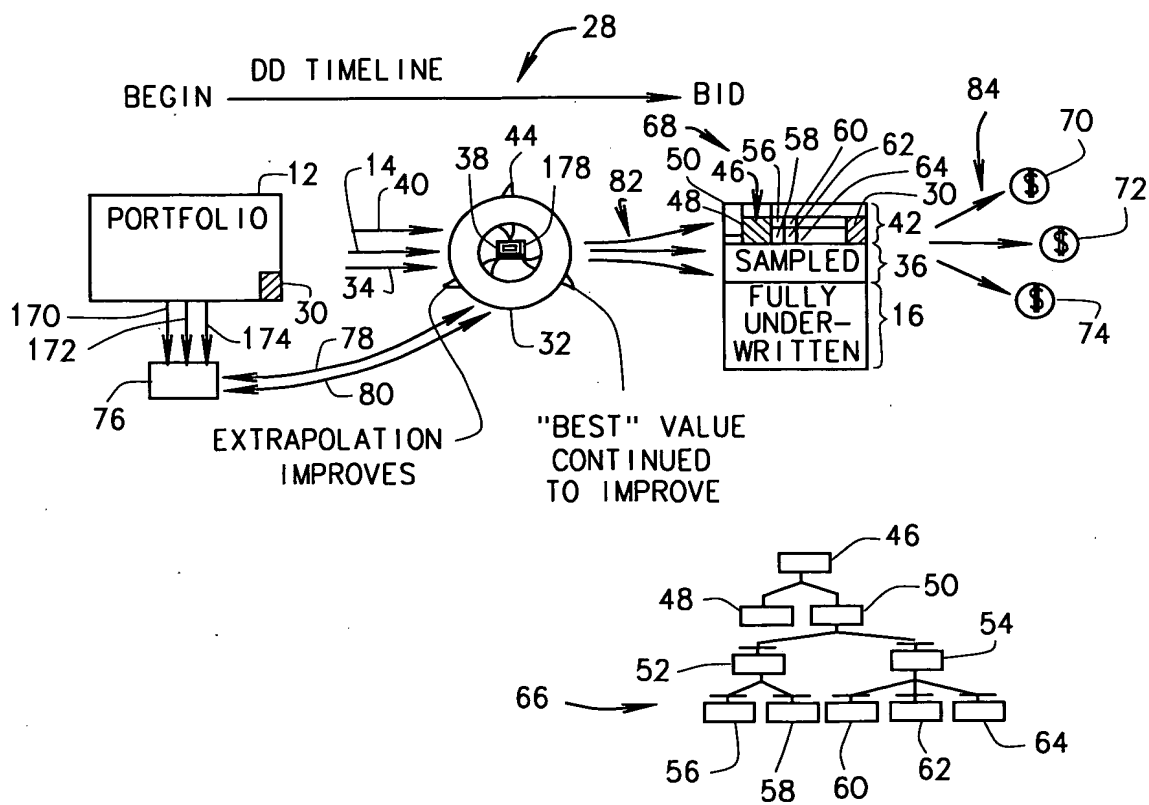


FIG. 2

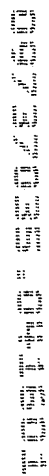


FIG. 3

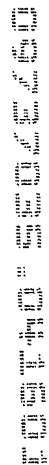


FIG. 4

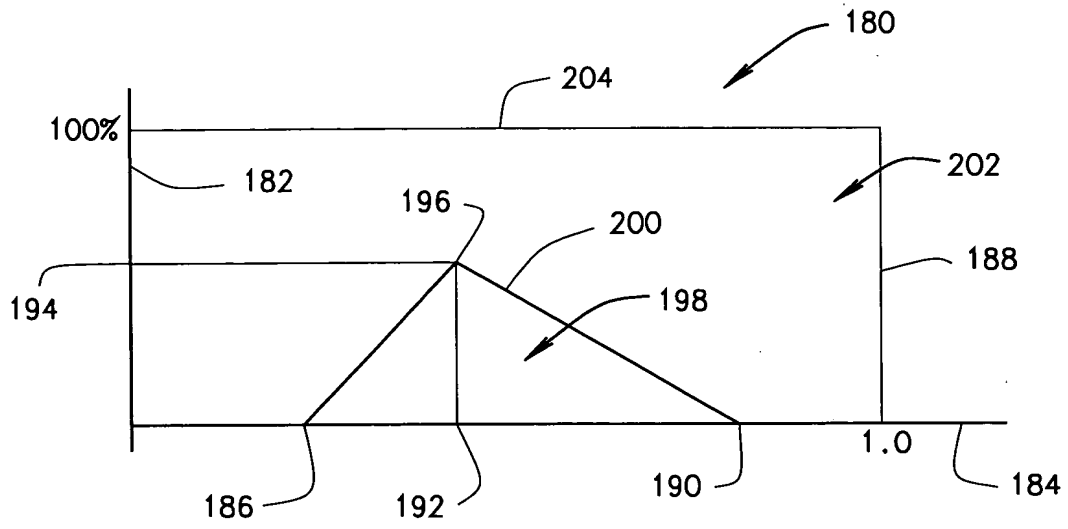
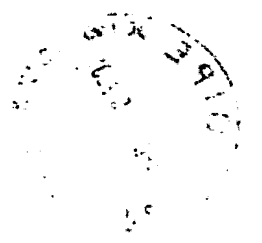


FIG. 5

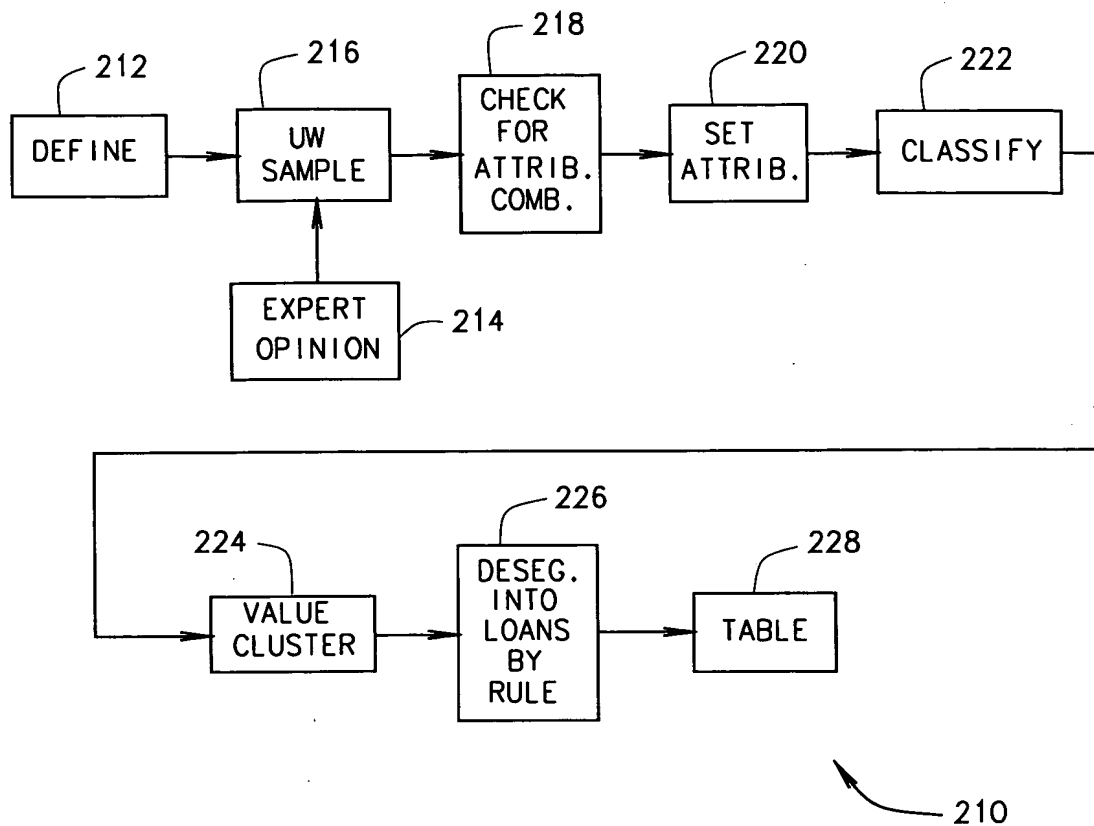


FIG. 6

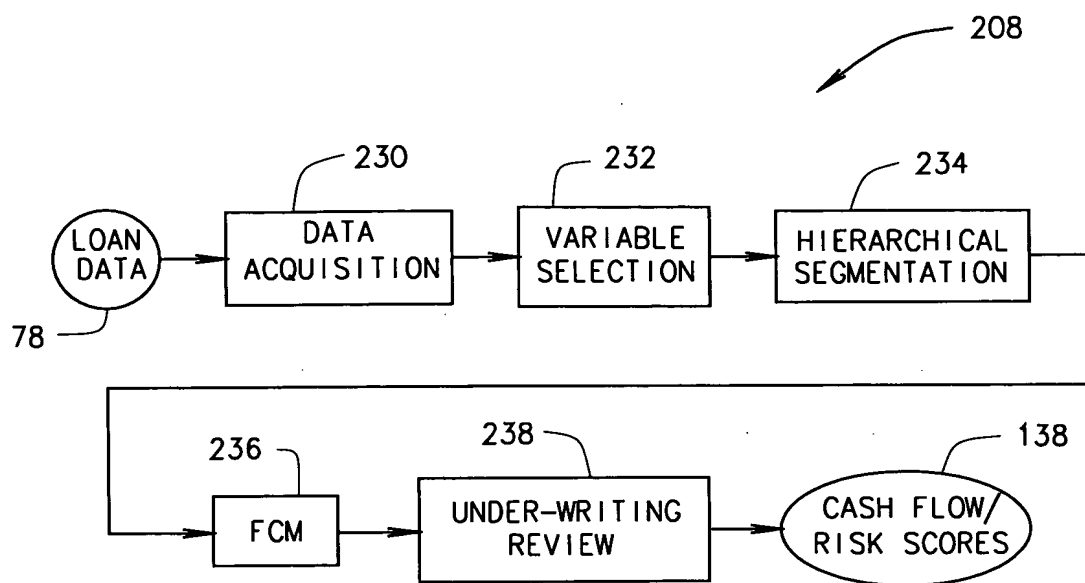


FIG. 7

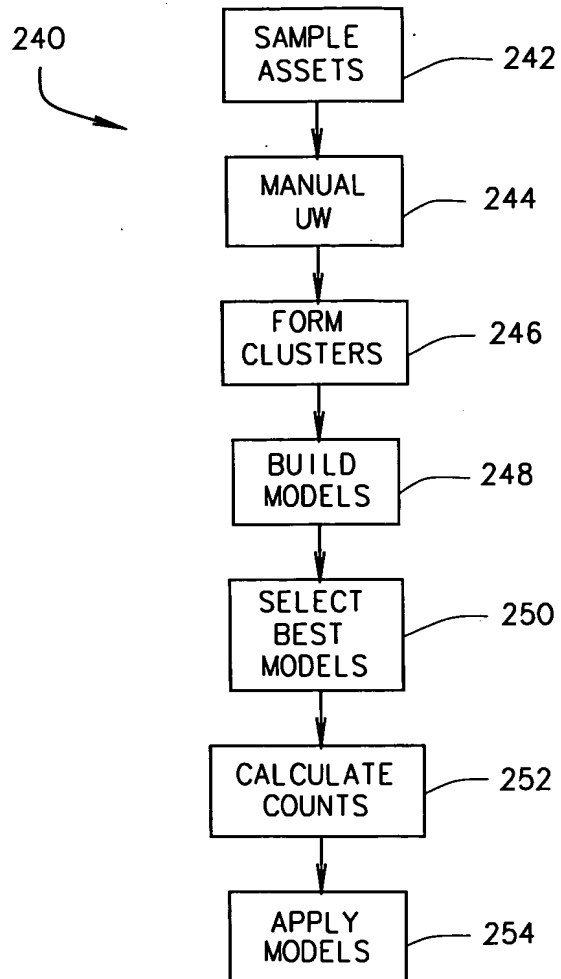
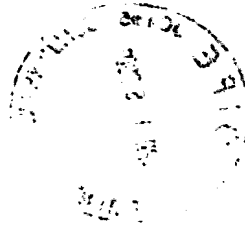


FIG. 8



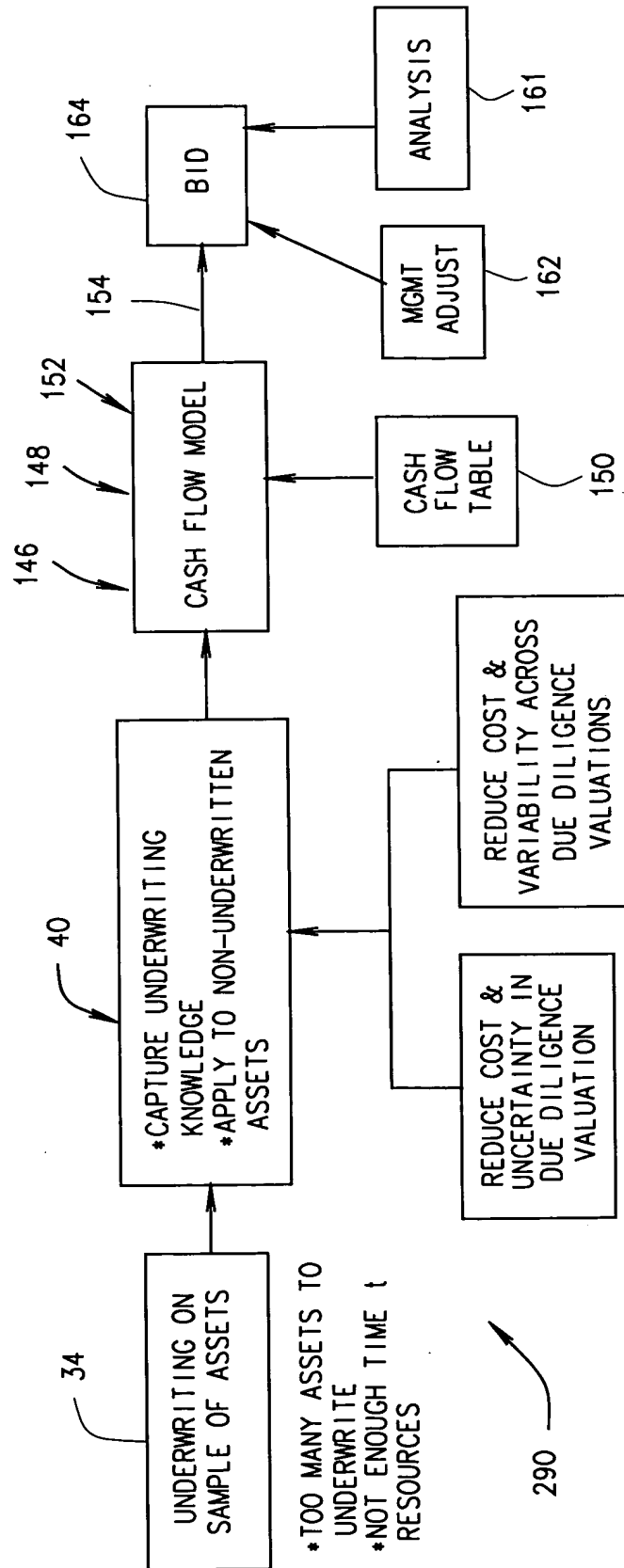
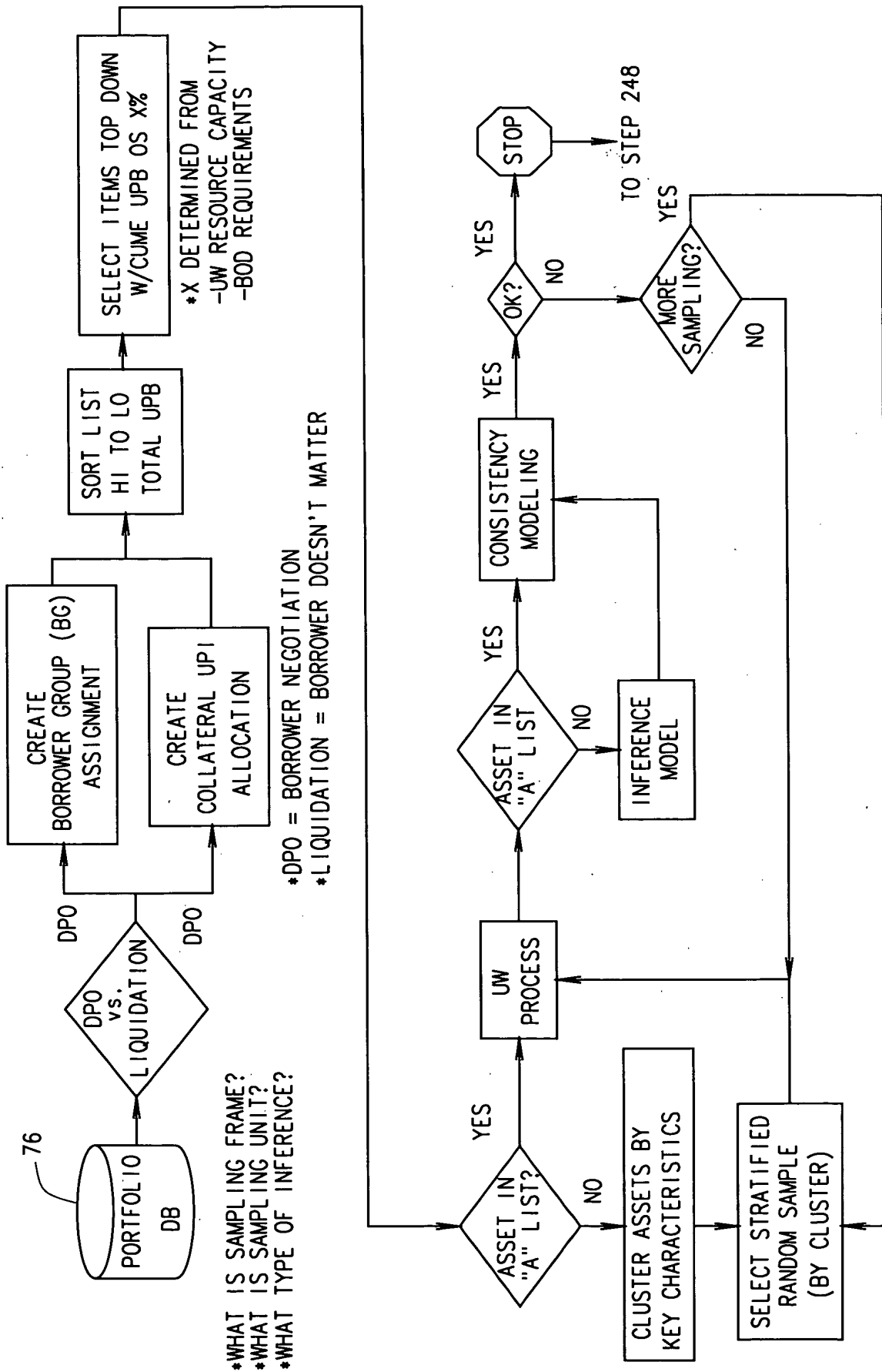


FIG. 9



# FIG. 10.

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# 6 MODELS BUILT:

- \*MODELS DIFFER BY WHICH VARIABLES USED
- \*UW ASSETS GET THE MINIMUM ERROR PREDICTION (ACTUAL-PREDICTED)

## VARIABLES USED

LAND AREA  
BLDG AREA  
OLD APPRAISAL  
GEN 1 PREDICTED CURRENT APPRAISAL  
GEN 1 PREDICTED REALIZED PRICE  
PROPERTY TYPE  
LOCATION

250

-BY-

COM/RES  
GROUP (CLUSTER)

## MODEL "WEIGHTS":

- \*EACH CELL IS COUNT OF TIMES THE MODEL PRODUCED BEST PREDICTION FOR UW ASSETS
- \*DETERMINES WEIGHTS FOR AVERAGING PREDICTIONS FOR NON-UW ASSETS

MODEL	ASSET CLASS	GROUP	MODEL 1	MODEL 2	MODEL 3	MODEL 4	MODEL 5	MODEL 6	SUM
COURT AUCTION	COMMERCIAL	1	13	13	13	8	32	32	87
		2	29	25	29	24	19	19	148
		TOTAL	5	5	10	4	12	12	51
COURT AUCTION	RESIDENTIAL	1	4	7	9	13	23	23	59
		2	2	15	11	13	8	8	53
		TOTAL	16	22	29	24	31	31	163
MARKET VALUE	COMMERCIAL	1	16	13	11	15	21	21	86
		2	29	22	29	24	19	19	150
		TOTAL	5	8	4	11	12	14	51
MARKET VALUE	RESIDENTIAL	1	8	9	10	15	19	19	59
		2	6	16	5	20	2	2	54
		TOTAL	16	25	15	35	21	21	164

FIG. 11

VARIABLE	CATEGORY/VALUE RANGE	ENCODING SCHEME
LOAN SECURED	(YES, NO)	YES = 1, ELSE = 0
LOAN TYPE	(REVOLVING, NON-REVOLVING)	REVOLVING = 1 ELSE 0
LAST PAYMENT	(0, 250 MM)	0 IF LAST PAYMENT = 0 ELSE 1
NOTICE OF DEFAULT SENT		PRIOR TO JUN 97 EQUALS 1 ELSE 0
ORIGINAL MATURITY DATE		PRIOR TO JUN 97 EQUALS 1 ELSE 0
SYNDICATED LOAN	(YES, NO)	YES = 1, ELSE = 0
LOAN GUARANTEED	(YES, NO, NAV)	YES = 1, ELSE = 0
COLLECTION SCORE	(0, 1)	
LIEN POSITION	(-1, 0, 1)	1 IF LIEN POSITION = 1 ELSE 0
CURRENT UPAD BALANCE/ORIGINAL BALANCE	(0, 2.9)	NORMALIZED TO (0, 1)
LAST PAYMENT TO INTEREST/LAST PAYMENT	(0, 1)	

80

FIG. 12

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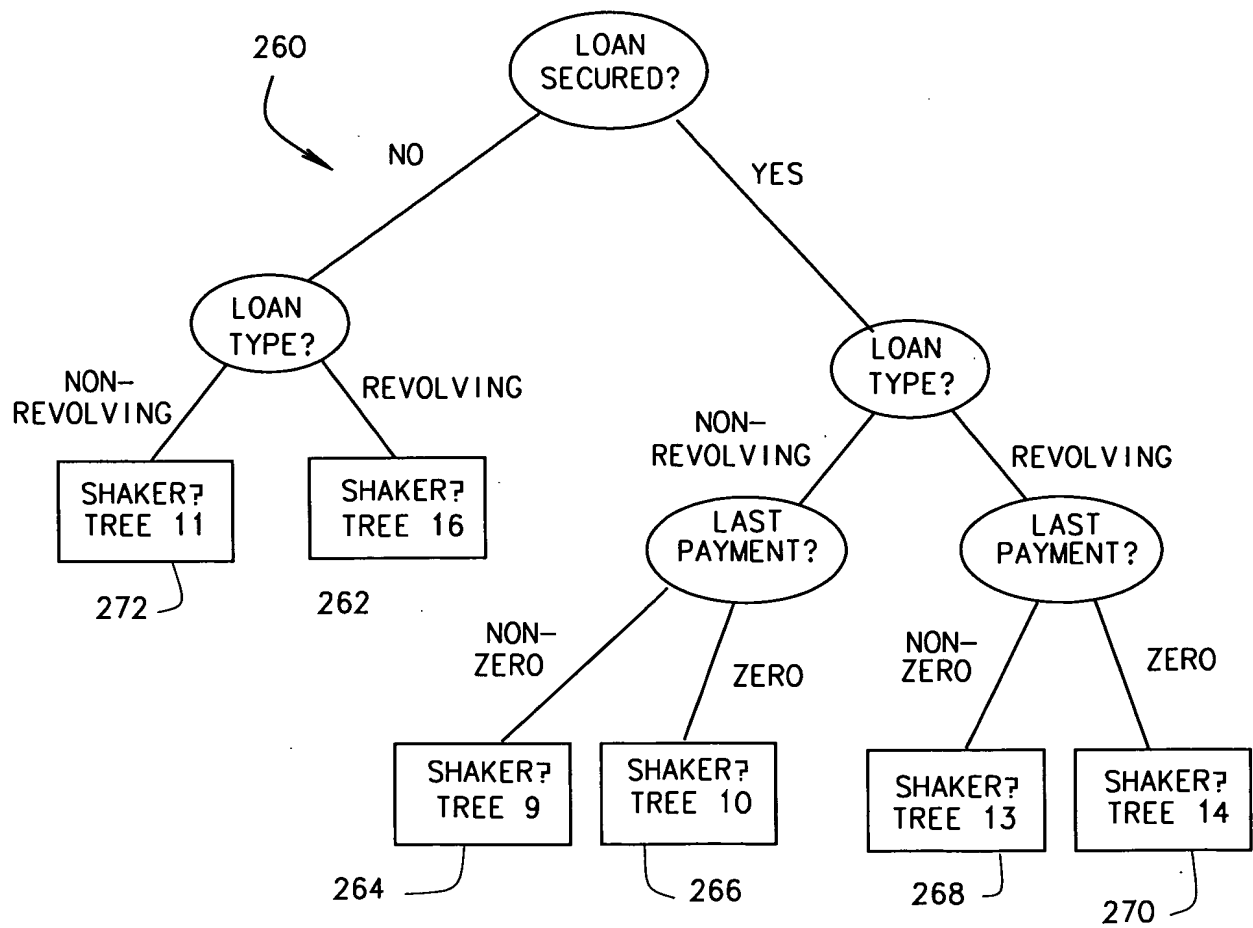


FIG. 13

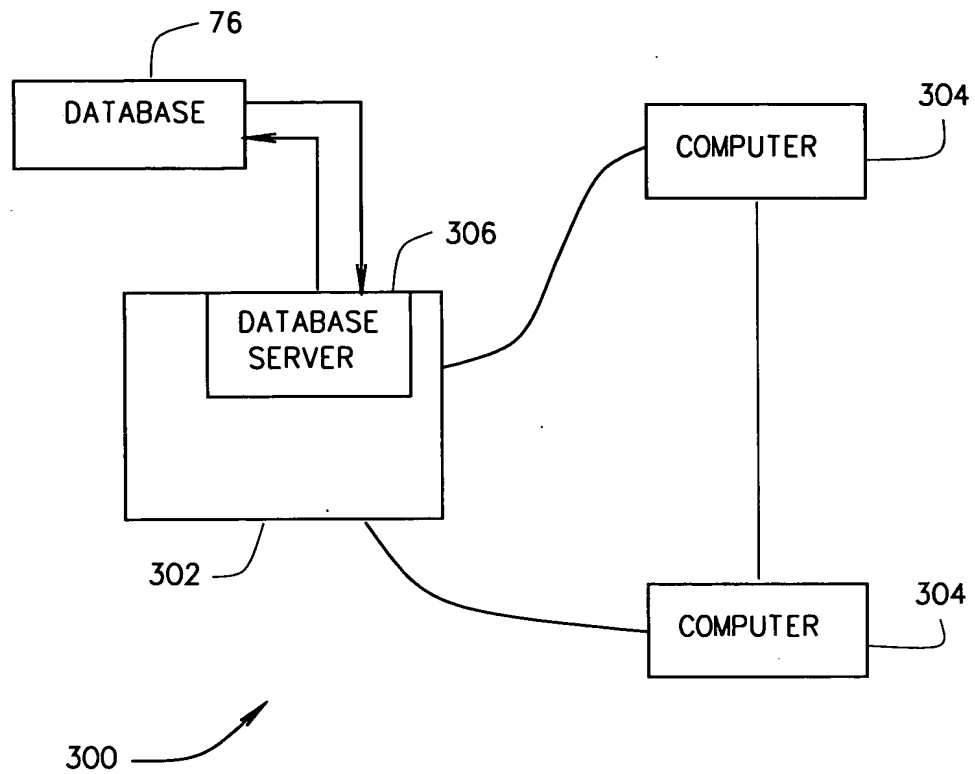


FIG. 14